

Product datasheet

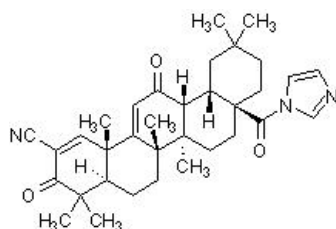
CDDO imidazolide, Fatty acid synthesis inhibitor
ab143794

Overview

Product name	CDDO imidazolide, Fatty acid synthesis inhibitor
Description	Fatty acid synthesis inhibitor.
Biological description	Synthetic triterpenoid. Inhibits fatty acid synthase expression and has antiproliferative and proapoptotic effects in human liposarcoma cells. Highly active in suppressing cellular proliferation of human leukemia and breast cancer cell lines as well as being an effective therapeutic agent in the treatment of other types of cancers. Potent inducer of Heme Oxygenase-1 and Nrf2/ARE Signaling.

CAS Number 443104-02-7

Chemical structure



Properties

Chemical name	1-(2-Cyano-3,12,28-trioxooleana-1,9(11)-dien-28-yl)-1 <i>H</i> -imidazole
Molecular weight	541.72
Molecular formula	C ₃₄ H ₄₃ N ₃ O ₃
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
Source	Synthetic

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team